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Attorney Docket No. A4938.01/T37310

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By: Beth Mulcahy

jc903 U.S. PTO  
09/833516  
04/11/01

ASSISTANT COMMISSIONER FOR PATENTS  
U.S. PATENT APPLICATION  
Washington, D.C. 20231

Transmitted herewith for filing under 37 CFR 1.53(b) is the

- ☒ patent application of  
☐ continuation patent application of  
☐ divisional patent application of  
☐ continuation-in-part patent application of

Inventor(s)/Applicant Identifier: Terry Reiss et al.

For: FAULT DETECTION AND VIRTUAL SENSOR METHODS FOR TOOL FAULT MONITORING

Enclosed are:

- ☒ 16 page(s) of specification  
☒ 3 page(s) of claims  
☒ 1 page of Abstract  
☒ 10 sheet(s) of ☐ formal ☒ informal drawing(s).  
☒ An assignment of the invention to Applied Materials, Inc.  
☒ Recordation Form PTO-1595.  
☒ A ☒ signed ☐ unsigned Declaration & Power of Attorney  
☐ A ☐ signed ☐ unsigned Declaration.  
☐ A Power of Attorney by Assignee with Certificate Under 37 CFR Section 3.73(b).  
☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27 ☐ is enclosed ☐ was filed in the prior application and small entity status is still proper and desired.  
☐ A certified copy of a \_\_\_\_\_ application.  
☒ Information Disclosure Statement under 37 CFR 1.97.  
☐ A petition to extend time to respond in the parent application.  
☐ Notification of change of ☐ power of attorney ☐ correspondence address filed in prior application.  
☒ Return Receipt Postcard (in duplicate)

|   | (Col. 1)  | (Col. 2)  |
|---|-----------|-----------|
| FOR:  | NO. FILED | NO. EXTRA |
| BASIC FEE   |           |           |
| TOTAL CLAIMS  | - 19      | = *0      |
| INDEP. CLAIMS   | - 2       | = *0      |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED |           |           |

\* If the difference in Col. 1 is less than 0, enter "0" in Col. 2.

| SMALL ENTITY |          | OR | OTHER THAN SMALL ENTITY |          |
|--------------|----------|----|-------------------------|----------|
| RATE         | FEE      |    | RATE                    | FEE      |
|              | \$355.00 | OR |                         | \$710.00 |
| x \$9.00 =   |          | OR | x \$18.00 =             | \$       |
| x \$40.00 =  |          | OR | x \$80.00 =             | \$       |
| + \$135.00 = |          | OR | + \$270.00 =            |          |
| TOTAL        |          | OR | TOTAL                   | \$710.00 |

Please charge Deposit Account No. 50-1074 as follows:

- ☒ Filing fee \$710.00  
☒ Any additional fees associated with this paper or during the pendency of this application.  
☐ The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b)

- ☐ A check for \$\_\_\_\_\_ is enclosed.  
1 extra copies of this sheet are enclosed.

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Respectfully submitted,  
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